CLAIMS

1-5.   (Cancelled)

6.   (Previously Presented) A remotely configurable firewall comprising:

a multi-homing firewall comprising at least one set of virtual hosts for providing network connectivity between a source and destination of IP-compliant traffic, the at least one set of virtual hosts having associated configuration files;

each of said virtual hosts of said at least one set of virtual hosts corresponding to a distinct home through which a connection may be made through the multi-homing firewall;

a configuration virtual host associated with said at least one set of virtual hosts, said configuration virtual host including an HTML-based configuration interface for allowing remote management of said associated configuration files over an IP-compliant connection using a standard Web browser; and

wherein a configuration file associated with a selected one of said virtual hosts of said at least one set of virtual hosts may be remotely configured using a point-and-click interface provided by said HTML-based configuration interface.

7.   (Original) The firewall of claim 6, wherein said remote management of said configuration files is only allowed from a specified secure client.

8. (Original) The firewall of claim 7, wherein a plurality of virtual hosts may be configured using said configuration virtual host.

9. (Original) The firewall of claim 8, wherein a remote user is authenticated prior to being granted access to said configuration interface.

10. (Original) The firewall of claim 6, wherein said remote management of said configuration files occurs using a Web browser.

11. (Previously Presented) An apparatus for remotely configuring a gateway device comprising:

gateway device means for providing network connectivity between a source and destination of IP-compliant traffic, the gateway means including multiple homes through which a connection may be made through the multi-homing firewall;

configuration means for configuring said gateway device means;

remote management means for remotely managing said configuration means, the remote management means comprising an HTML-based configuration interface for allowing remote management of said configuration means over an IP-compliant connection; and

means for providing a point-and-click interface for said HTML-based configuration interface configuring a selected one of said homes.

12.   (Original) The apparatus of claim 11, wherein said remote management of said configuration files is only allowed from a specified secure client.

13.   (Original) The apparatus of claim 12, wherein a plurality of virtual hosts may be configured using said configuration virtual host.

14.   (Original) The apparatus of claim 13, wherein a remote user is authenticated prior to being granted access to said configuration interface.

15.   (Original) The apparatus of claim 11, wherein said remote management of said configuration files occurs using a Web browser.

16.   (Previously Presented) A remote configurator for a gateway device comprising:

a remote configurator module operatively disposed in a gateway device;

at least one set of virtual hosts for providing network connectivity between a source and destination of IP-compliant traffic, the at least one set of virtual hosts having associated configuration files;

each of said virtual hosts of said at least one set of virtual hosts corresponding to a distinct home through which a connection may be made through the multi-homing firewall;

the remote configurator module being configured to provide an HTML-based configuration interface for allowing remote management of said configuration files

associated with a selected one of said virtual hosts of said at least one set of virtual hosts over an IP-compliant connection.; and

wherein said firewall may be remotely configured using a point-and-click interface provided by said HTML-based configuration interface.

17. (Original) The remote configurator of claim 16, wherein said remote management of said configuration files is only allowed from a specified secure client.

18. (Original) The remote configurator of claim 17, wherein a plurality of virtual hosts may be configured using said configuration virtual host.

19. (Original) The remote configurator of claim 18, wherein a remote user is authenticated prior to being granted access to said configuration interface.

20. (Original) The remote configurator of claim 16, wherein said remote management of said configuration files occurs using a Web browser.

21. (Previously Presented) A remotely configurable gateway device comprising:

a gateway device for providing network connectivity between a source and destination of IP-compliant traffic;

a plurality of virtual hosts operable in said gateway device, each of the virtual hosts having associated configuration files;

each of said virtual hosts corresponding to a distinct home through which a connection may be made through the multi-homing firewall;

at least one of said plurality of virtual hosts comprising a remote configurator host;

the remote configurator host being configured to provide an HTML-based configuration interface for allowing remote management of said configuration files over an IP-compliant connection; and

wherein a configuration file associated with a selected one of said virtual hosts may be remotely configured using a point-and-click interface provided by said HTML-based configuration interface.

22.   (Original) The remotely configurable gateway device of claim 21, wherein said remote management of said configuration files is only allowed from a specified secure client.

23.   (Original) The remotely configurable gateway device of claim 22, wherein a plurality of virtual hosts may be configured using said configuration virtual host.

24.   (Original) The remotely configurable gateway device of claim 23, wherein a remote user is authenticated prior to being granted access to said configuration interface.

25.   (Original) The remotely configurable gateway device of claim 21, wherein said remote management of said configuration files occurs using a Web browser.